

Deep Underground Science and Engineering Workshop

11 August 2004

Charge to Working Groups

Schedule

September 15, 2004 - Solicitation 1 proposal due.

December 2004? - NSF makes the solicitation award.

The deliverable is a report outlining science opportunities and infrastructure requirements.

Working groups produce much of the report.

May 2005 - Solicitation 1 report due.

Charge

1) Briefly summarize what is known today about the importance of DUSEL for this subfield, based both on the previous workshops and reports and the presentations already made at the workshop.

This may take the form of a small paragraph (15 lines) to be inserted in the proposal of September 15.

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2) Identify what is missing: important aspects not studied, points of disagreements, etc.

Very likely this will be the medium range/long range, where it is difficult to know how the field will evolve.

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3) Begin to fill/ modify the technical requirement matrices: requirements of generic experiments.

When several approaches are possible (e.g. shallow with neutron mitigation or deep) list the approaches with advantages and drawbacks (trying to be impartial)

This may be useful for the Solicitation 2 folks.

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4) Begin to evaluate the demand as a function of time for space underground in this subfield, and discuss international context.

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5) What specific opportunities for education and outreach are offered by this subfield?